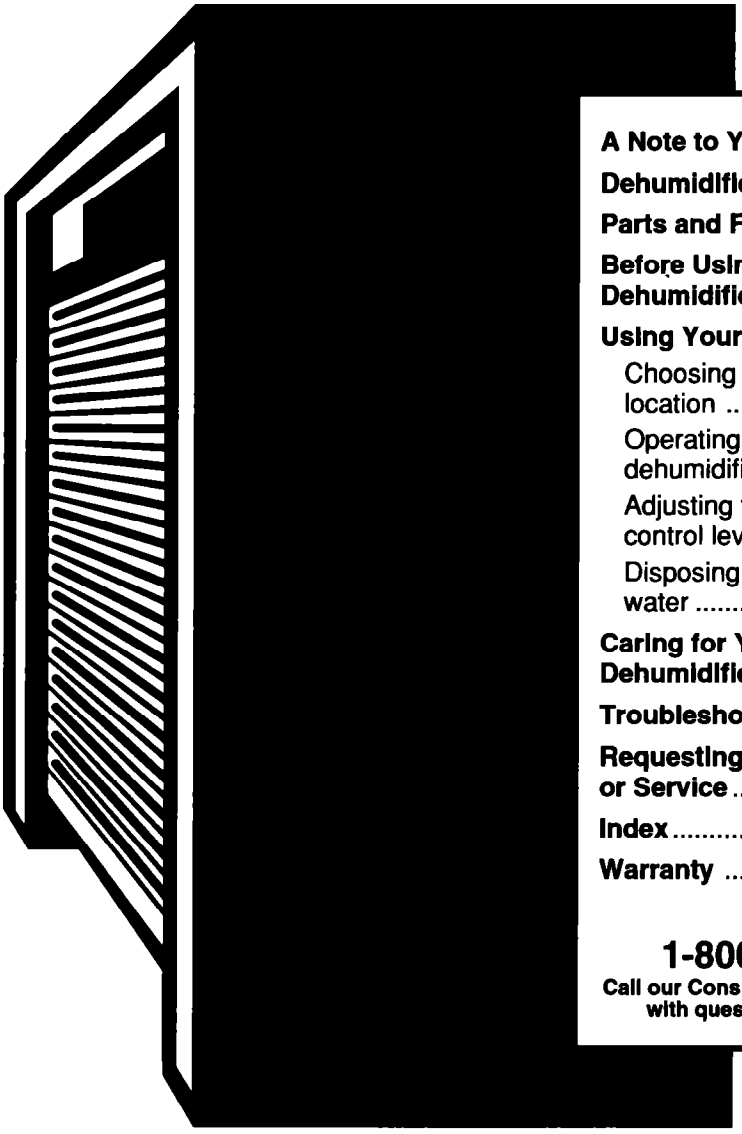
Whirlpool®

HOW TO MAKE A HOME RUN.™

Use And Care GUIDE



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1-800-253-1301
Call our Consumer Assistance Center with questions or comments.

DEHUMIDIFIERS

MODELS ADO25 ADO30 ADO40 ADO50

PART NO. 1169992 Rev. A

5/95

A Note to You

Thank you for buying a WHIRLPOOL® appliance.

Because your life is getting busier and more complicated, WHIRLPOOL Dehumidifiers are easy to use, save time, and help you manage your home better. To ensure you enjoy years of trouble-free operation, we developed this Use and Care Guide. It contains valuable information about how to operate and maintain your appliance properly and safely. Please read it carefully. Also, please complete and mail the Ownership Registration Card provided with your appliance. This card helps us notify you about any new information on your appliance.

Please record your model's information.

Whenever you call to request service for your appliance, you need to know your complete model number and serial number. You can find this information on the model and serial number label (see diagram on page 4 for location of label).

Please also record the purchase date of your appliance and your dealer's name, address, and telephone number.

Model Number _____

Serial Number _____

Purchase Date _____

Dealer Name _____

Dealer Address _____

Dealer Phone _____

Keep this book and the sales slip together in a safe place for future reference.

Our Consumer Assistance Center number is toll-free 24 hours a day. 1-800-253-1301

NOTE: Your dehumidifier will ...

- work best when the water pan is properly placed. See page 6.
- give off some heat during normal operation.
- not operate when the room temperature is below 65°F (18.3°C).
- automatically turn on and off according to the amount of humidity in the air (usually there is less humidity during the winter months).
- need to have its coils cleaned at least once a year. See pages 11-12.

Dehumidifier Safety

Your safety is important to us.

This guide contains safety statements under warning symbols. Please pay special attention to these symbols and follow any instructions given. Here is a brief explanation of the use of the warning symbol.

⚠WARNING

This symbol alerts you to such dangers as fire, electrical shock, burns, and personal injury.

IMPORTANT SAFETY INSTRUCTIONS

⚠WARNING

To reduce the risk of fire, electrical shock, or personal injury when using your dehumidifier, follow these basic precautions:

- Read all instructions before using your dehumidifier.
- Complete the installation and electrical requirements as described in "Before Using Your Dehumidifier" on pages 5 and 6.
- Never allow children to operate or play with the dehumidifier.
- Never clean dehumidifier parts with flammable fluids. The fumes can create a fire hazard or explosion.

• FOR YOUR SAFETY •

DO NOT STORE OR USE GASOLINE OR OTHER FLAMMABLE VAPORS AND LIQUIDS IN THE VICINITY OF THIS OR ANY OTHER APPLIANCE. THE FUMES CAN CREATE A FIRE HAZARD OR EXPLOSION.

– SAVE THESE INSTRUCTIONS –

Help us help you

Please:

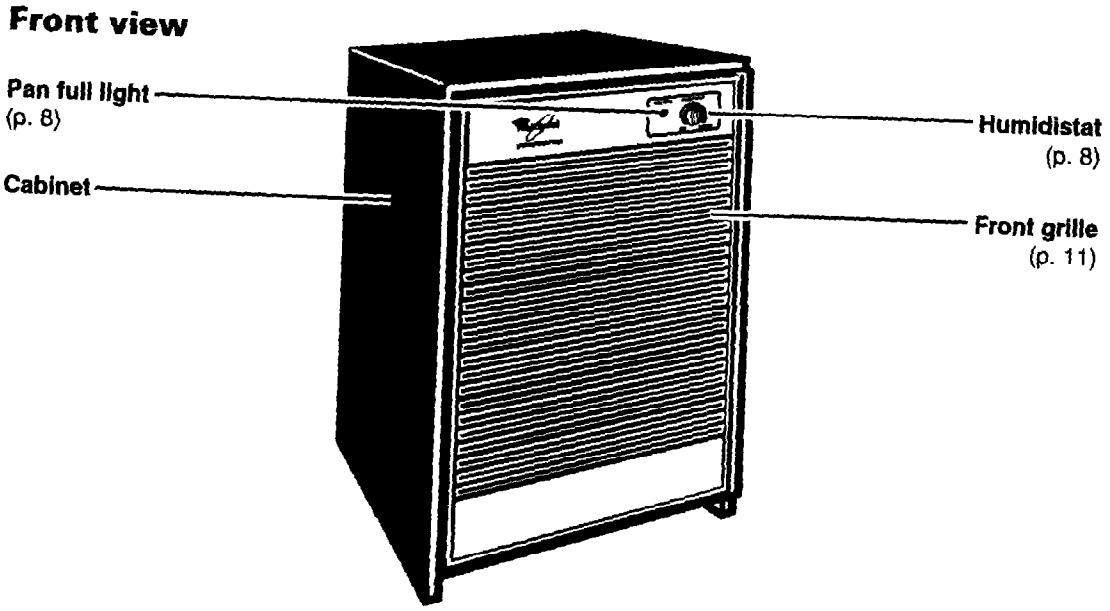
- Install the dehumidifier properly on a floor, table, or shelf that is level and strong enough to support it with a full pan of water. Your dehumidifier can weigh between 50 lbs (22.5 kg) and 75 lbs (33.75 kg), depending on the amount of water collected in the pan.
- Make sure the dehumidifier is the correct size for the area you want to dehumidify.
- Connect the dehumidifier to the proper kind of outlet, with the correct electrical supply and grounding. (See "Meeting electrical requirements" on page 5.)
- Use the dehumidifier only for jobs as described in this manual.
- Make sure the dehumidifier is not used by children or anyone unable to operate it properly.
- Maintain your dehumidifier properly.

DO NOT REMOVE TECH SHEET from inside cabinet. Your service technician will need this information.

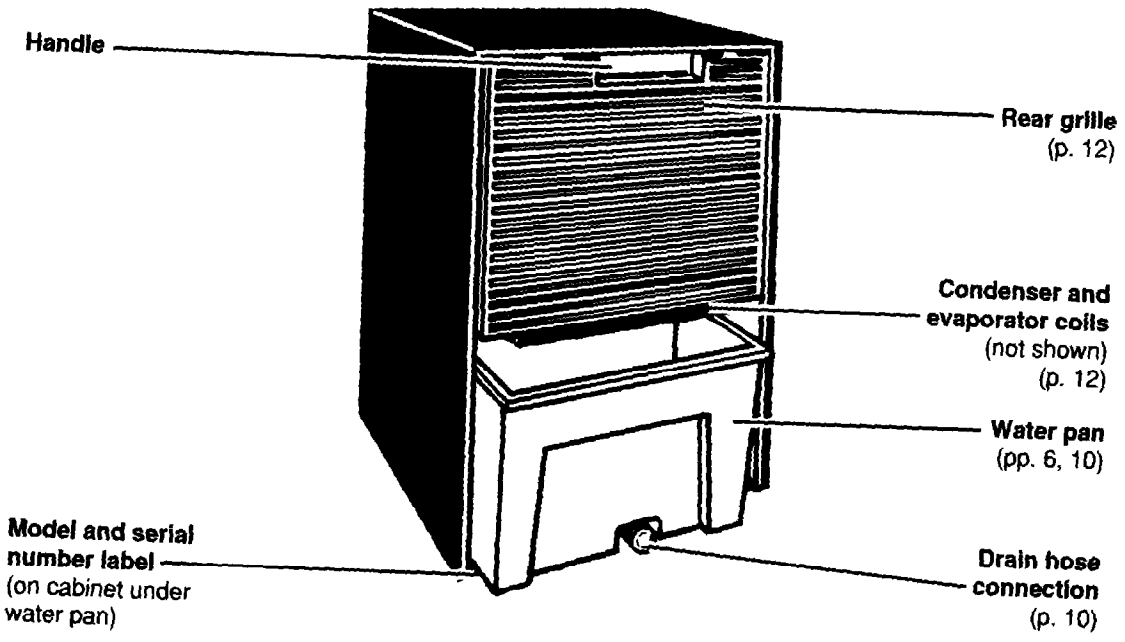
Parts and Features

This section contains captioned illustrations of your appliance. Use them to become familiar with where all parts and features are located and what they look like.

Front view



Rear view



Before Using Your Dehumidifier

Proper electrical grounding and installation are important for obtaining the best possible results from your dehumidifier. This section tells you how to connect your dehumidifier to the proper electrical supply and how to install it.

Meeting electrical requirements

OBSERVE ALL GOVERNING CODES AND ORDINANCES.

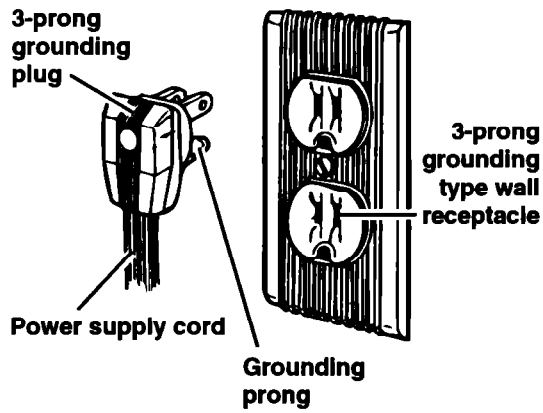
Electrical ground is required on this appliance.

A 115 volt, 60 Hz., AC only, 15 ampere fused electrical supply is recommended. (Time-delay fuse or circuit breaker is recommended.) It is recommended that a separate circuit serving only this appliance be provided. **Do not use an extension cord.**

DO NOT, UNDER ANY CIRCUMSTANCES, REMOVE THE POWER SUPPLY CORD GROUND PRONG.

Recommended grounding method

For your personal safety, this appliance must be grounded. This appliance has a power supply cord with a 3-prong grounding plug. To minimize possible shock hazard, the cord must be plugged into a mating grounding type wall receptacle, grounded in accordance with the National Electrical Code (ANSI/NFPA 70, latest edition) and all local codes and ordinances. If a mating wall receptacle is not available, it is the responsibility of the customer to have a properly grounded, 3-prong wall receptacle installed by a qualified electrician.



Installing it properly

⚠WARNING

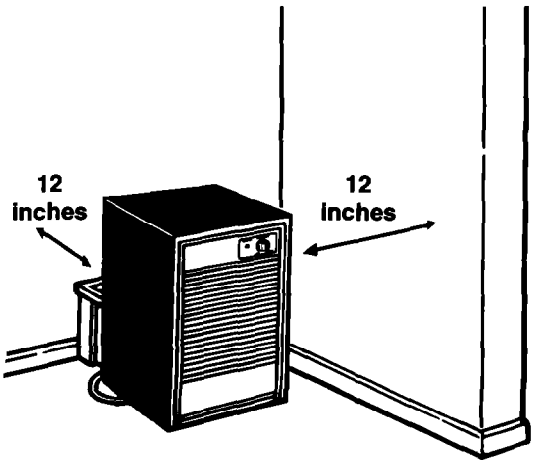
Personal Injury Hazard

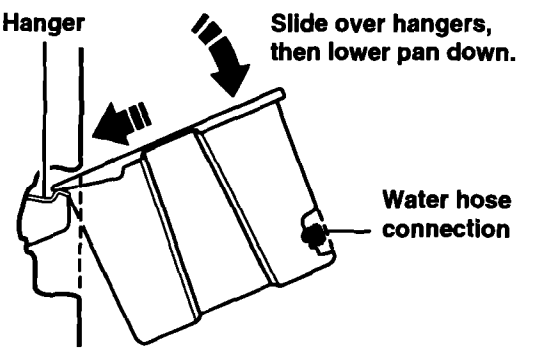
Because your dehumidifier weighs between 50 lbs (22.5 kg) and 75 lbs (33.75 kg), depending on the amount of water collected in the pan, it is recommended that you use proper lifting techniques when lifting or moving your unit.

Failure to do so could result in personal injury.

1. **Allow at least 12 inches (30.5 cm) of space** on all sides of the unit for good air circulation.
2. **Install your dehumidifier on a floor, table, or shelf.** When installing the dehumidifier on a table or shelf, make sure the table or shelf is strong enough to support the weight of the dehumidifier with a full water pan (50 to 75 lbs [28.5 to 33.75 kg]). Do not sit or stand on the dehumidifier.

   NOTE: The height of a table or shelf might provide a better position from which to handle the water pan and help prevent icing of the coils due to colder air near the floor (such as in a basement).
3. **Keep all outside doors, windows, and other openings closed** when the dehumidifier is operating. Humid outdoor air will add to the dehumidifier's operating load.
4. **The water pan must be properly positioned** on the hangers inside the cabinet in order for the automatic shutoff to operate correctly.
5. **Two rollers let you move the dehumidifier easily.** Remove the water pan, tilt the unit forward, and roll it to another position.





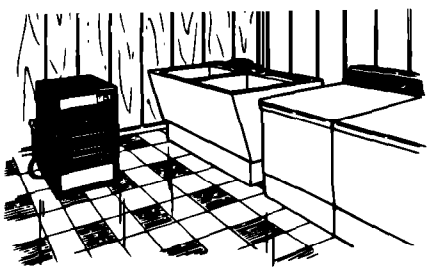
Using Your Dehumidifier

You will use your dehumidifier more during the months when you are not heating your home. However, your dehumidifier will help prevent excessive moisture and keep you comfortable all year long, in any area of your home. This section tells you how to use your dehumidifier properly to get the best results.

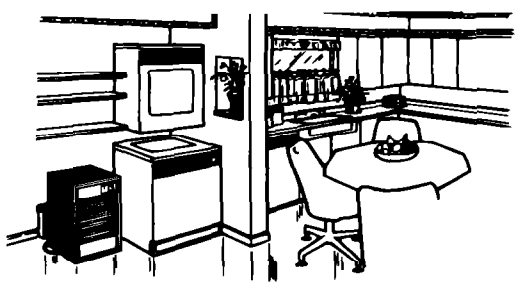
Choosing the proper location for your dehumidifier

You can use your dehumidifier in any area of your home. Below are a few suggestions for placement and uses.

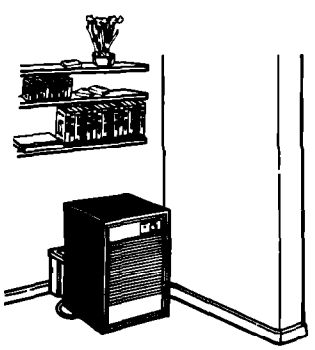
- Use in a basement to help prevent moisture damage.



- Use in cooking, laundry, bathing, and dishwashing areas which have excess moisture.



- Use to prevent moisture damage anywhere books or valuables are stored.



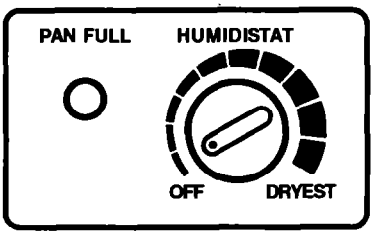
Operating your dehumidifier

Control panel

Your dehumidifier has a control panel containing two controls – the Pan Full Light and the Humidistat.

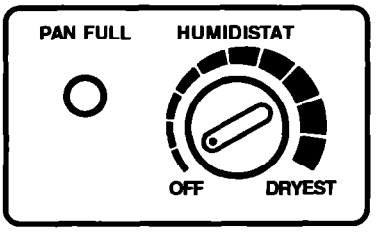
Pan Full Light – This light glows when the water pan is full and needs to be emptied.

Humidistat – This controls the amount of moisture in the room. When the humidity in the room rises above the setting, the unit automatically starts. When the humidity drops below the setting, the unit automatically stops.

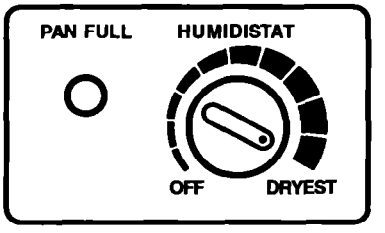


Unit operation

1. Turn the Humidistat to OFF. Plug the power supply cord into an electrical outlet. Be sure to use the proper grounding method. See page 5.



2. Turn the Humidistat toward DRYEST for normal operation. The Humidistat can be set anywhere between OFF and DRYEST. If you need more dehumidification, turn the Humidistat toward DRYEST. If you need less dehumidification, turn the Humidistat toward OFF.
3. Turn the Humidistat to OFF to stop the unit manually.



NOTE: The dehumidifier will run continuously when the control is set to DRYEST.

De-icer control

Your Whirlpool dehumidifier is equipped with a feature to help you get the most comfort from your new appliance by permitting it to operate down to 65°F (18.3°C).

The De-icer Control senses frost buildup on the evaporator coil and automatically shuts off the compressor. The fan continues to run, drawing air across the coil, and melting the frost. When the coil is defrosted, the compressor automatically restarts, and dehumidifying resumes.

NOTE: Do not operate the dehumidifier at temperatures below 65°F (18.3°C). If your dehumidifier runs when room temperature and humidity conditions are low, frost can form on its evaporator coil. This interferes with proper operation.

Adjusting the water level control lever

The Water Level Adjustment can be set in two positions to turn off the dehumidifier automatically when the pan is full. This prevents the danger of overflow.

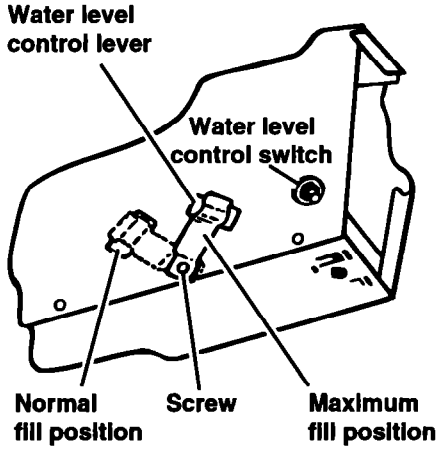
The pan must be in the proper position for the Water Level Control Switch to work. The Water Level Control Switch will automatically turn off the dehumidifier at the fill level you have selected when the pan is properly placed. Loosen the screw to move the Water Level Control Lever. Retighten the screw when it is adjusted to the desired setting.

NORMAL fill position

Set the Water Level Control Lever to the indentation on the left side. The water pan and water will weigh approximately 16 lbs (7.2 kg) and the water pan will be ½ full.

MAXIMUM fill position

Set the Water Level Control Lever to the raised area on the right side. The water pan and water will weigh approximately 24 lbs (10.8 kg) and the water pan will be ¾ full.



Disposing of collected water

⚠WARNING

Personal Injury Hazard

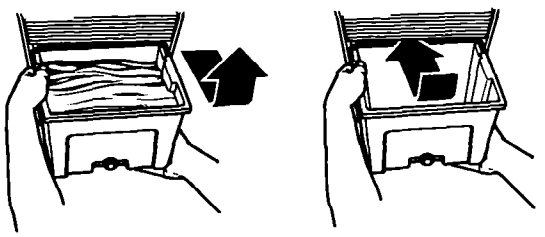
Do not use the water that collects in the water pan for drinking purposes. It is not sanitary.

Failure to follow the above precaution could result in personal injury or illness.

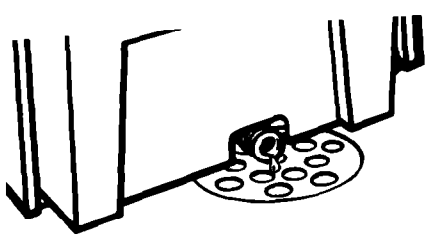
There are three methods of disposing of water.

1. **Empty the pan manually.**
   When the pan is full, remove it, empty it into a large sink or tub, and replace it properly.

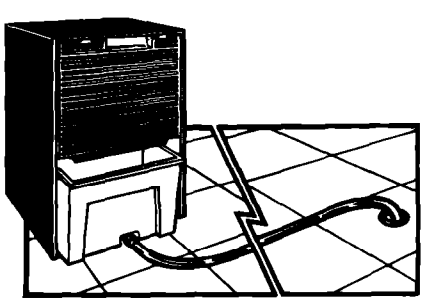
   NOTE: The water pan **must** be positioned properly for the Water Level Control Switch to operate properly and turn the dehumidifier off when the pan is full. See page 6.



2. **Place the dehumidifier directly over drain.**
   The pan has a threaded hose connection which can be left open. Cut out opening with a knife or ¾ inch (19 mm) wood drill. Once opened, the hose connection will continually drain water from the pan. Be sure to keep the dehumidifier directly over a drain.



3. **Attach a garden hose to the threaded hose connection to carry water to the drain.**
   - The pan has a threaded hose connection which can be left open. Cut out an opening with a knife or ¾ inch (19 mm) wood drill.
   - Attach a garden hose. Be sure the hose does not kink or bend. It should lie flat from the dehumidifier to drain.
   - Once the hose connection is opened, the pan will continually drain through the hose. Be sure to keep the hose flat and in the drain.



Caring for Your Dehumidifier

Your dehumidifier is designed to serve you year-round. It needs practically no attention. However, you should check your dehumidifier and inspect the coils annually.

You may call a service company to perform this annual checkup. (Cost of the inspection is the owner's responsibility.)

OR

If you are familiar with electrical appliances and their functions, listed below are instructions which would allow you to do the inspection and maintenance yourself.

⚠WARNING

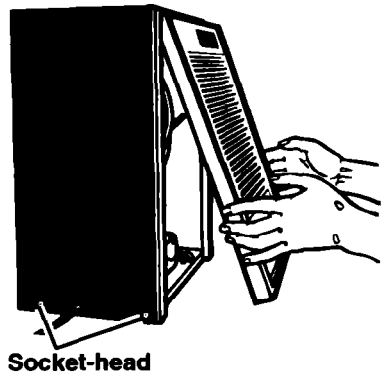
Electrical Shock Hazard

- Disconnect power supply cord from receptacle before performing any maintenance.
- Be careful when cleaning the coils. Fins are sharp.

Failure to follow the above precautions could result in electrical shock or personal injury.

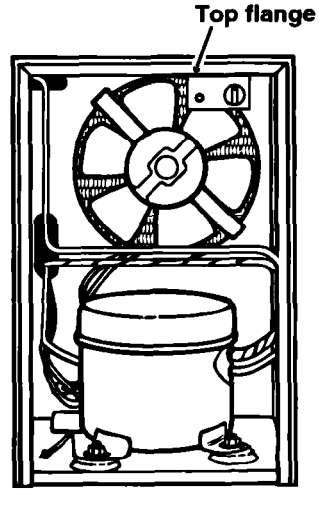
Performing annual maintenance

1. Disconnect the dehumidifier from power supply.
2. Remove the front grille.
   - Remove the two screws at the bottom front of the grille.
   - Drop the grille down and pull it out.
3. Remove the socket-head screws on each side of the cabinet.



Socket-head screws

4. Remove the top flange screw.



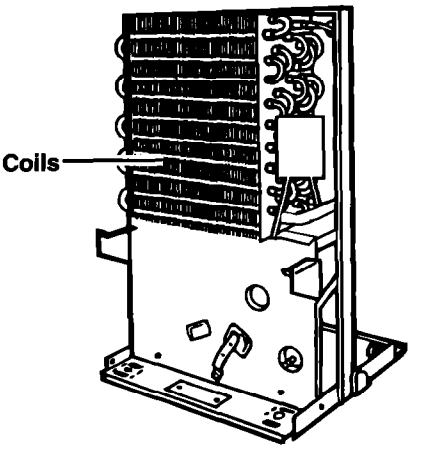
Top flange screw

continued on next page

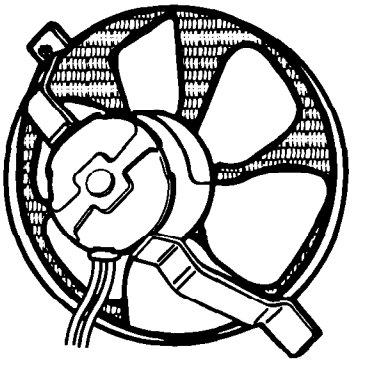
CARING FOR YOUR DEHUMIDIFIER

5. Remove the rear grille by pulling it out at the bottom and dropping it down.
6. Lift the cabinet off the base.
7. Brush the coils clean, if necessary, with warm water and a mild detergent. Rinse and dry thoroughly. **Be sure the power supply cord is disconnected from the electrical outlet.**

   NOTE: The compressor is sealed and needs no oiling.



8. The fan motor is permanently lubricated and does not require further oiling.



9. Wash all plastic parts with a soft cloth, warm water, and a mild detergent. Rinse and dry them with a soft cloth.
10. Replace the cabinet and grille(s).
11. Reconnect the dehumidifier to power supply.

Troubleshooting

Performance problems often result from little things you can find and fix without tools of any kind. Please check the chart below for problems you can fix. It could save you the cost of a service call.

PROBLEM	POSSIBLE CAUSE
Unit will not run	• Is the dehumidifier plugged into a live circuit with the proper voltage? Firmly plug power cord into electrical outlet. (If the dehumidifier still does not operate, have a qualified electrician check the circuit voltage at the fuse/circuit breaker box.) • Is the Humidistat Control set to a position other than OFF? Try a dryer setting. • Has a household fuse blown or circuit breaker tripped? Use the correct time-delay fuses. Reset circuit breaker. • Is room temperature below 65°F (18.3°C)? Coils will become iced over at low temperatures.
Unit runs but does not dehumidify	• Is the dehumidifier in defrost cycle? (See "De-icer control" on page 9.)
Unit blows fuses or trips circuit breaker	• Is the correct capacity fuse being used? Use the correct time-delay fuses. Reset circuit breaker. • Is an extension cord being used? Do not use an extension cord with this appliance.
Coils ice over	• Is room temperature below 65°F (18.3°C)? Coils will become iced over at low temperatures. • Are coils clogged with lint? Clean lint from coils. (See "Caring for your dehumidifier" on pages 11 and 12.)
Water collects on the floor	• Is the water pan placed correctly? (See "Installing it properly" on page 6.) • Is room humidity low? Do not operate the dehumidifier when humidity is low. • Is room temperature below 65°F (18.3°C)? Do not operate the dehumidifier in low temperatures — the coils will become iced over. (See "De-icer control" on page 9.) • Is the dehumidifier reasonably level? Level the dehumidifier front to back and side to side. • Is the hose kinked or drain clogged? • Is the water pan overflowing? Remove and empty the water pan. Replace the pan properly and check to see that the dehumidifier is level.

Requesting Assistance or Service

Before calling for assistance or service, please check "Troubleshooting" on page 13. It may save you the cost of a service call. If you still need help, follow the instructions below.

1. If you need assistance* ...

Call the Whirlpool Consumer Assistance Center telephone number. Dial toll-free from anywhere in the U.S.A.:

1-800-253-1301

and talk with one of our trained consultants. The consultant can instruct you in how to obtain satisfactory operation from your appliance or, if service is necessary, recommend a qualified service company in your area.

If you prefer, write to:

Mr. William Clark
Consumer Assistance Center
Whirlpool Corporation
2000 North M-63
Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

2. If you need service* ...

Whirlpool has a nationwide network of

authorized service companies. Whirlpool service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States. To locate the authorized Whirlpool service company in your area, call our Consumer Assistance Center telephone number (see Step 1) or look in your telephone directory Yellow Pages under:

- **APPLIANCE-HOUSEHOLD-MAJOR, SERVICE & REPAIR**
  - *See:* Whirlpool Appliances or Authorized Whirlpool Service (*Example:* XYZ Service Co.)
- **WASHING MACHINES & DRYERS, SERVICE & REPAIR**
  - *See:* Whirlpool Appliances or Authorized Whirlpool Service (*Example:* XYZ Service Co.)

3. If you need FSP® replacement parts ...

FSP is a registered trademark of Whirlpool Corporation for quality parts. Look for this symbol of quality whenever you need a replacement part for your WHIRLPOOL® appliance. FSP replacement parts will fit right and work right, because they are made to the same exacting specifications used to build every new WHIRLPOOL appliance.

To locate FSP replacement parts in your area, refer to Step 2 or call the Whirlpool Consumer Assistance Center number in Step 1.

4. If you are not satisfied with how the problem was solved ...

- Contact the Major Appliance Consumer Action Program (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer, authorized servicer, and Whirlpool have failed to resolve your problem.

  Major Appliance Consumer Action Program
  20 North Wacker Drive
  Chicago, IL 60606
- MACAP will in turn inform us of your action.

***When asking for help or service:**

Please provide a detailed description of the problem, your appliance's complete model and serial numbers, and the purchase date. (See page 2.) This information will help us respond properly to your request.

Index

This index is alphabetical. Look for the word or phrase you are interested in, then look for the page number.

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WHIRLPOOL®
Dehumidifier Warranty

LENGTH OF WARRANTY	WHIRLPOOL WILL PAY FOR
FULL ONE-YEAR WARRANTY From Date of Purchase	FSP® replacement parts and repair labor to correct defects in materials or workmanship.
FULL FIVE-YEAR WARRANTY From Date of Purchase	FSP replacement parts and repair labor to correct defects in materials or workmanship in the sealed refrigeration system. These parts are: 1. Compressor 4. Drier-Strainer 2. Evaporator 5. Connecting Tubing 3. Condenser

WHIRLPOOL WILL NOT PAY FOR

A. Service calls to:
1. Correct the installation of your dehumidifier.
2. Instruct you how to use your dehumidifier.
3. Replace house fuses or correct house wiring.

B. Pickup and delivery. Your dehumidifier is designed to be repaired in the home.

C. Damage to your dehumidifier caused by accident, misuse, fire, flood, acts of God, or use of products not approved by Whirlpool.

D. Repairs to parts or systems caused by unauthorized modifications made to the appliance.

6/94

Service under the full warranties must be provided by an authorized Whirlpool service company.

WHIRLPOOL CORPORATION SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Outside the United States, a different warranty may also apply. For details, please contact your authorized Whirlpool dealer.

If you need service, first see the "Requesting Assistance or Service" section of this book. After checking "Requesting Assistance or Service," additional help can be found by calling our Consumer Assistance Center telephone number, **1-800-253-1301**, from anywhere in the U.S.A.

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10% post-consumer waste
50% recovered materials

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